

# CROP-WEATHER REPORT

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Released: 2:00 p.m., MST, August 2, 2004  
For Week Ending: August 1, 2004

ISSUED: WEEKLY: Apr-Oct  
MONTHLY: Nov-Mar



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## Agricultural Summary

There were 6.6 days suitable for fieldwork for the week, with slightly lower temperatures than last week, but still very little precipitation across most of the state. Montana’s high temperatures were mostly in the mid 80's to mid 90's, with Glendive reaching the highest temperature of 101 degrees. Wisdom and Butte tied for the state’s lowest temperature of 35 degrees, while most of Montana had lows from the low 40's to mid 50's. Of the few areas which did receive rain, Wisdom saw the most precipitation with 0.62 inches. Montana’s forecast for the week of August 9<sup>th</sup> through August 15<sup>th</sup> shows above normal temperatures and near normal precipitation for the state. Normal temperatures for this period range from highs in the upper 70's to upper 80's and lows from the lower 40's to the lower 60's.

### Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Topsoil Moisture</b>				
Very Short	28	22	58	41
Short	43	40	35	39
Adequate	29	38	7	19
Surplus	0	0	0	1
<b>Subsoil Moisture</b>				
Very Short	37	33	51	42
Short	37	33	41	40
Adequate	26	34	8	18
Surplus	0	0	0	0

## Field Crops and Livestock Report

The hot and dry weather during the past week continues to increase crop development and cause slight declines in crop conditions for the majority of the small grains. **Winter wheat** is 97 percent turning color, 61 percent ripe, and 11 percent harvested, which is significantly behind last year and the five-year average. **Spring wheat** is 98 percent headed, 57 percent turning, and 2 percent ripe, which is behind last year and the five-year average. **Durum wheat** is 84 percent boot stage, 78 percent headed, and 20 percent turning, which is significantly behind last year. **Barley** is 73 percent turning, 17 percent ripe, and 2 percent harvested, which is slightly behind last year and the five-year average. **Oats** are 97 percent headed, 67 percent turning, 11 percent ripe, and 1 percent harvested, which is slightly behind last year.

### Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat</b>				
Turning	97	93	99	98
Ripe	61	15	92	78
Harvested	11	1	60	43
<b>Spring Wheat</b>				
Headed	98	90	99	99
Turning	57	22	81	78
Ripe	2	0	25	20
<b>Durum Wheat</b>				
Boot Stage	84	78	99	N/A
Headed	78	67	98	N/A
Turning	20	7	76	N/A
<b>Barley</b>				
Turning	73	44	81	75
Ripe	17	3	31	22
Harvested	2	0	9	8
<b>Oats</b>				
Headed	97	93	99	99
Turning	67	35	75	72
Ripe	11	6	29	26
Harvested	1	0	9	6
<b>Hay - First Cutting</b>				
Alfalfa Hay	98	93	100	98
Other Hay	93	81	94	86
<b>Hay - Second Cutting</b>				
Alfalfa Hay	18	7	27	27
Other Hay	9	3	12	7

**Range and pasture feed condition** continued to decline this week, due to the hot weather. Grasshoppers are also having a negative impact on range conditions in some areas.

### Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Range &amp; Pasture Feed Condition</b>				
Very poor	25	21	19	16
Poor	22	21	25	25
Fair	28	30	38	36
Good	21	23	16	18
Excellent	4	5	2	5

### Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat - Condition</b>				
Very Poor	6	5	3	N/A
Poor	12	11	9	N/A
Fair	30	28	28	N/A
Good	40	42	47	N/A
Excellent	12	14	13	N/A
<b>Spring Wheat - Condition</b>				
Very Poor	6	4	10	11
Poor	10	8	26	19
Fair	30	26	36	32
Good	48	54	26	31
Excellent	6	8	2	7
<b>Durum Wheat - Condition</b>				
Very Poor	3	3	8	N/A
Poor	13	10	20	N/A
Fair	27	31	28	N/A
Good	44	43	42	N/A
Excellent	13	13	2	N/A
<b>Barley - Condition</b>				
Very Poor	2	2	17	13
Poor	7	5	21	21
Fair	33	33	24	35
Good	47	47	31	25
Excellent	11	13	7	6
<b>Oats - Condition</b>				
Very Poor	9	8	10	7
Poor	8	12	12	14
Fair	44	32	26	26
Good	34	41	42	42
Excellent	5	7	10	11
<b>Sugar Beet - Condition</b>				
Very Poor	20	13	0	0
Poor	18	17	1	6
Fair	35	34	14	23
Good	27	31	41	43
Excellent	0	5	44	28
<b>Corn - Condition</b>				
Very Poor	13	11	1	1
Poor	16	17	1	4
Fair	33	37	17	26
Good	36	32	49	50
Excellent	2	3	32	19
<b>Dry Beans - Condition</b>				
Very Poor	1	1	1	1
Poor	16	12	4	5
Fair	38	48	24	32
Good	43	37	66	50
Excellent	2	2	5	12
<b>Potatoes - Condition</b>				
Very Poor	0	0	0	0
Poor	1	2	0	2
Fair	6	7	8	18
Good	48	53	68	54
Excellent	45	38	24	26

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT <http://www.nass.usda.gov/mt/>

Compiled and Summarized by:  
Montana Agricultural Statistics Service

In conjunction with:  
MSU Extension Agents

USDA County Service Centers  
National Weather Service

# Weather Information Table For Week Ending 6:00 p.m. MST, July 31, 2004 1/

STATION	TEMPERATURE PAST WEEK			PRECIPITATION						
	High	Low	Avg.	Past Week	April 1, 2004 to Date			October 1, 2003 to Date		
					Total 2/	Normal 3/	% Normal	Total 2/	Normal 3/	% Normal
NORTHWEST										
Drummond	94	43	67	0.00	5.34	5.75	93	9.26	10.26	90
Hamilton	91	48	72	0.00	6.04	5.42	111	10.61	11.33	94
Kalispell	92	47	69	0.00	5.85	6.97	84	12.26	14.76	83
Libby	M	M	M	M	M	M	M	M	M	M
Missoula	97	51	72	0.05	7.21	5.86	123	11.84	11.59	102
Polson	93	52	73	0.00	5.96	7.10	84	11.11	13.53	82
Superior	96	47	71	0.02	7.43	5.85	127	12.78	14.16	90
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	91	48	69	M	M	M	M	M	M	M
NORTH CENTRAL										
Chester	91	49	69	0.18	4.59	6.15	75	5.92	8.53	69
Choteau	91	43	66	M	M	M	M	M	M	M
Conrad	M	M	M	M	M	M	M	M	M	M
Cut Bank	93	48	68	0.00	4.45	7.18	62	5.12	9.62	53
Ft. Benton	95	50	71	M	M	M	M	M	M	M
Gold Butte	M	M	M	M	6.49	7.35	88	9.88	10.47	94
Harlem	93	47	69	0.26	6.58	6.70	98	9.64	9.16	105
Havre	97	48	70	0.11	7.15	6.12	117	8.19	9.23	89
Malta	93	50	71	0.29	7.38	7.52	98	10.92	10.47	104
Shelby	89	49	68	0.00	2.64	6.92	38	4.40	9.45	47
Turner	89	47	67	0.39	10.07	6.76	149	14.37	9.01	159
Valier	89	49	69	0.00	4.72	7.12	66	6.71	9.43	71
NORTHEAST										
Culbertson	98	39	68	0.00	6.05	8.12	75	9.50	10.80	88
Glasgow	94	48	69	0.45	8.10	6.45	126	10.65	9.00	118
Glendive	101	48	74	0.23	7.32	7.55	97	10.01	10.75	93
Jordan	93	44	69	M	M	M	M	M	M	M
Plentywood	95	37	64	0.15	M	M	M	M	M	M
Scobey	M	M	M	M	7.17	7.70	93	11.13	9.96	112
Sidney	97	43	69	0.07	5.46	8.03	68	9.36	11.50	81
Wolf Point	98	40	68	0.29	7.15	6.90	104	11.07	9.54	116
CENTRAL										
Cascade	M	M	M	M	M	M	M	M	M	M
Flatwillow	M	M	M	M	5.18	7.61	68	12.04	11.07	109
Great Falls	94	50	72	0.00	7.37	7.62	97	8.42	12.01	70
Harlowton	91	44	67	0.03	6.22	7.97	78	8.62	11.32	76
Helena	94	51	72	0.00	5.87	5.85	100	7.56	8.98	84
Lewistown	92	46	67	0.09	6.66	9.33	71	10.29	14.58	71
Melstone	95	53	72	0.37	M	M	M	M	M	M
Roundup	98	50	73	0.02	5.09	7.43	69	7.78	10.69	73
Stanford	91	47	70	0.10	7.29	9.37	78	11.61	13.81	84
White Sulphur Spr	86	43	63	0.00	7.35	7.20	102	9.42	10.79	87
SOUTHWEST										
Anaconda	87	41	66	0.04	7.43	6.38	116	12.09	10.77	112
Belgrade	91	43	67	0.00	8.54	7.49	114	11.20	12.14	92
Bozeman MSU	89	48	68	0.05	9.39	9.57	98	16.02	16.01	100
Butte	86	35	61	0.00	6.44	6.58	98	7.91	10.33	77
Dillon	90	45	67	0.00	6.44	6.53	99	7.77	9.40	83
Ennis	91	45	66	0.00	4.82	7.14	68	9.36	11.03	85
Wisdom	83	35	58	0.62	7.12	5.74	124	11.04	9.79	113
SOUTH CENTRAL										
Billings	92	54	72	0.42	6.54	7.39	88	10.17	12.58	81
Gardiner	89	50	70	0.01	6.24	4.87	128	7.65	8.04	95
Hardin	95	51	72	0.00	5.09	6.15	83	8.11	10.14	80
Livingston	92	43	68	0.11	7.28	8.41	87	10.01	12.88	78
Rapelje	95	48	70	0.42	6.06	8.00	76	9.19	12.68	72
Red Lodge	84	44	64	0.11	6.72	11.09	61	9.45	20.28	47
SOUTHEAST										
Baker	96	45	69	0.01	5.52	8.06	68	8.74	11.80	74
Broadus	93	51	72	0.22	5.38	7.55	71	7.92	11.65	68
Ekalaka	89	43	68	0.18	3.31	9.60	34	7.66	14.46	53
Miles City	97	50	72	0.35	4.72	7.62	62	6.98	11.14	63

1/ Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.

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